

# HIGHLIGHTS

## ENVIRONMENTAL MANAGEMENT PLAN FOR THE SAN FRANCISCO BAY REGION

JUNE 23, 1978

PREPARED FOR  
ENVIRONMENT, ENERGY AND NATURAL RESOURCES SUBCOMMITTEE  
HOUSE OF REPRESENTATIVES — U.S. CONGRESS

REP. LEO J. RYAN, Chairman



ASSOCIATION OF BAY AREA GOVERNMENTS

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Half Moon Bay  
Santa Clara  
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# Why the Plan

## ENVIRONMENTAL PROBLEMS

- CERTAIN BAY AREA WATERS REMAIN POLLUTED
- REGIONAL WATER DEMAND MAY OUTSTRIP SUPPLY
- AIR QUALITY EXCEEDS HEALTH-BASED FEDERAL STANDARDS
- BURYING GARBAGE WASTES RESOURCES
- SOLVING ONE OF THESE PROBLEMS MAY AFFECT THE OTHERS


## LEGAL MANDATES

- FEDERAL WATER POLLUTION CONTROL ACT AMENDMENTS OF 1972--  
SECTION 208
- FEDERAL CLEAN AIR ACT AMENDMENTS OF 1970 AND 1977
- CALIFORNIA SOLID WASTE LEGISLATION



## Organizing to Prepare the Plan

- FORMATION OF BROADLY REPRESENTATIVE POLICY BODY--  
ENVIRONMENTAL MANAGEMENT TASK FORCE (EMTF)
- EXTENSIVE INVOLVEMENT OF OTHER LOCAL/REGIONAL AGENCIES
- ESTABLISHMENT OF LOCAL AND REGIONAL PUBLIC PARTICIPATION PROGRAMS
- ESTABLISHMENT OF STATE/FEDERAL AGENCIES OVERSIGHT FUNCTION--  
PROGRAM REVIEW BOARD (PRB)

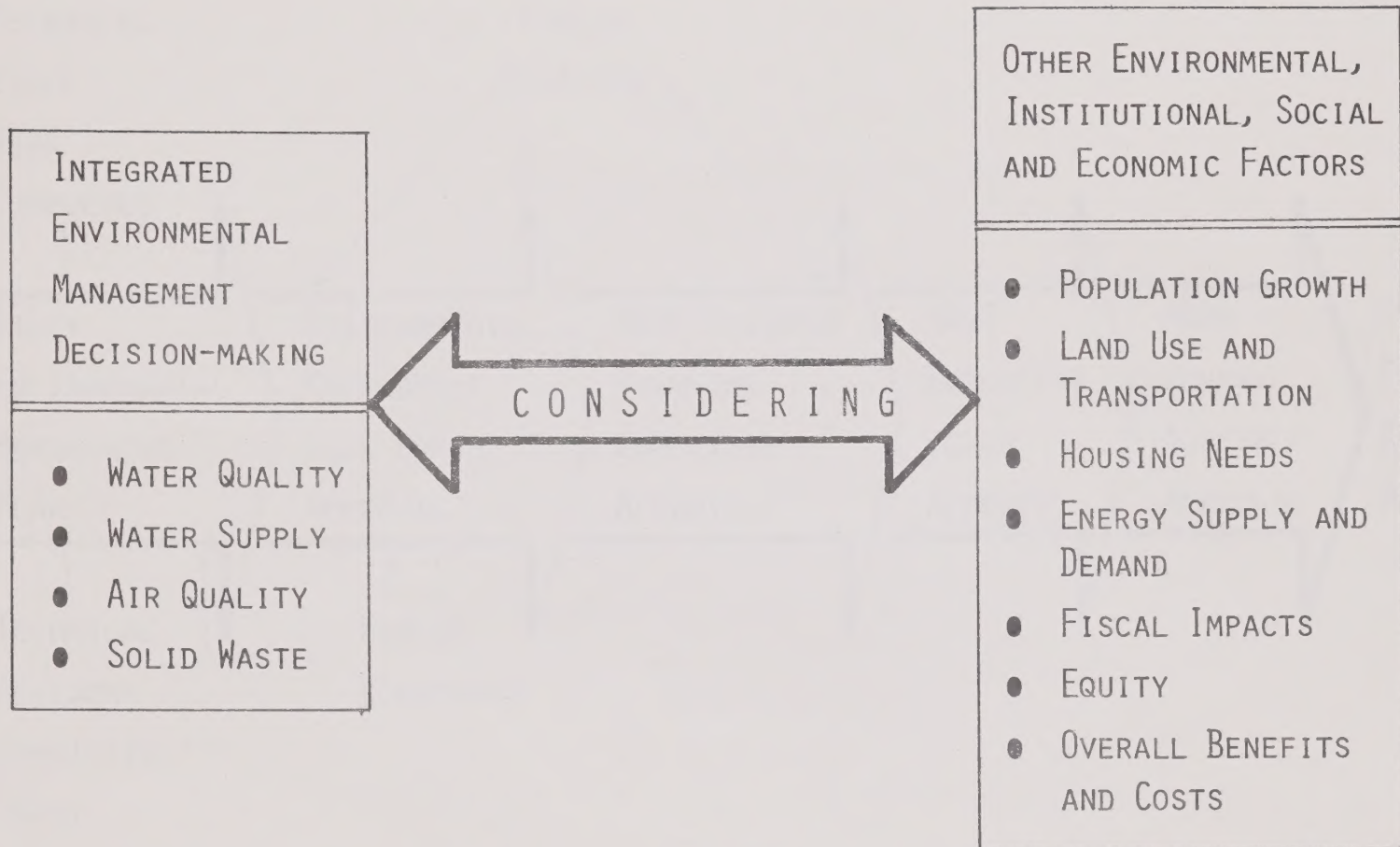


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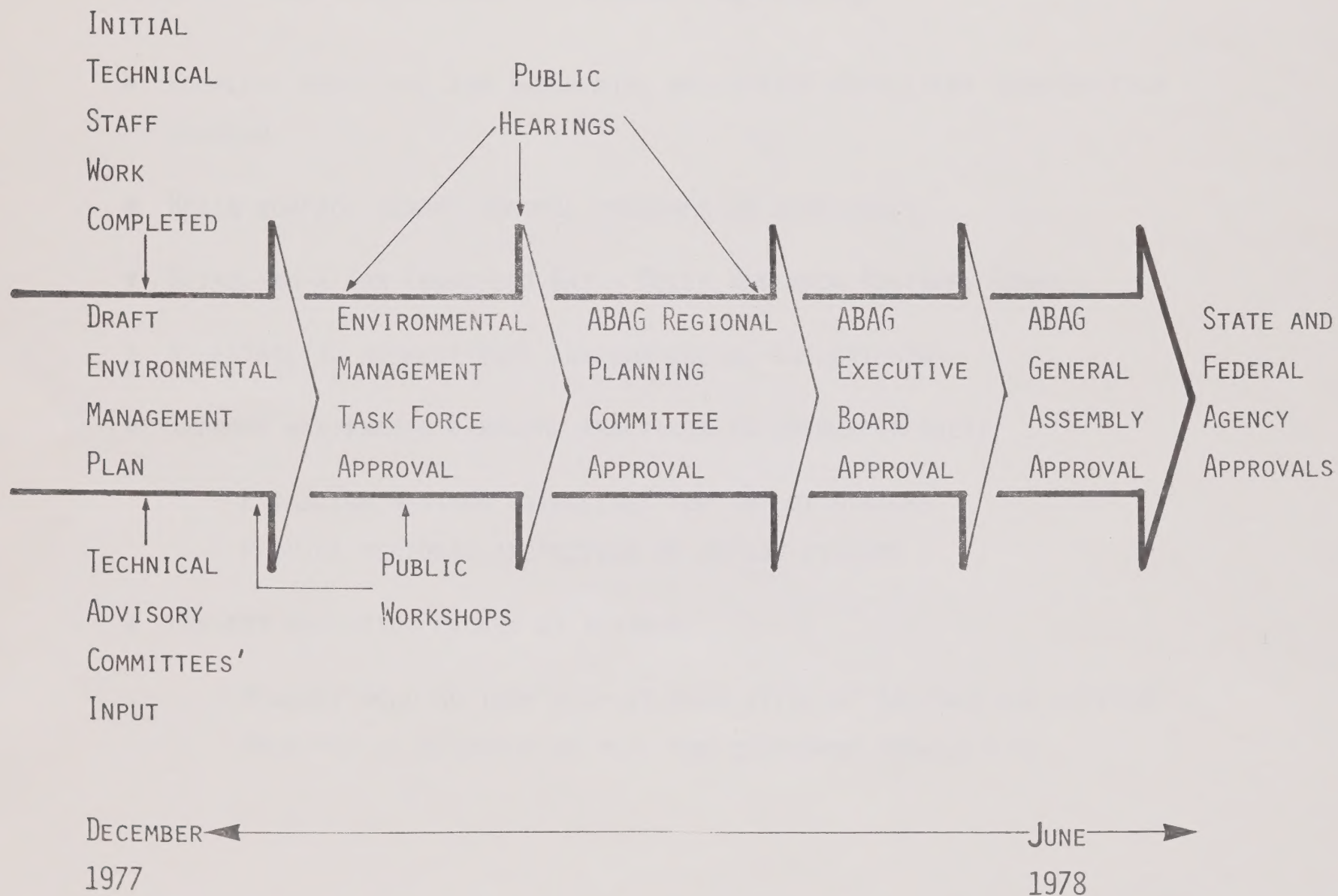
# Elements of the Plan







# Process for Developing the Plan





# What's in the Plan — Water Quality

- COMPLETE MUNICIPAL AND INDUSTRIAL WASTEWATER FACILITIES CONSTRUCTION PROGRAM
- BEGIN SURFACE RUNOFF CONTROL PROGRAMS IN EACH COUNTY
- ESTABLISH A SAN FRANCISCO BAY - DELTA RESEARCH ADVISORY COUNCIL
- RE-ESTABLISH RECREATIONAL AND COMMERCIAL SHELLFISHING
- IMPROVE WASTEWATER DISPOSAL PRACTICES IN UNSEWERED AREAS
  - ESTABLISH MINIMUM GUIDELINES FOR ON-LOT SYSTEMS
  - REQUIRE PERIODIC INSPECTION OF ON-LOT SYSTEMS
- PREVENT POLLUTION CAUSED BY VESSELS
  - REQUIRE HOLDING TANK PUMPOUT FACILITIES AT MARINAS AND HARBORS
  - HOLD PUBLIC HEARINGS ON NEED FOR DISCHARGE PROHIBITION





## **What's in the Plan — Water Supply**

- CREATE REGIONAL WATER SUPPLY POLICIES THROUGH WATER MANAGEMENT COORDINATING COMMITTEE
- IMPLEMENT "MODERATE" WATER SAVINGS PROGRAM
- CONSTRUCT COST-EFFECTIVE WASTEWATER RECLAMATION PROJECTS





# What's in the Plan — Air Quality

- USE AVAILABLE CONTROL TECHNOLOGIES FOR EXISTING SOURCES
- USE LOWEST ACHIEVABLE EMISSION RATES FOR NEW SOURCES
- CONTINUE NEW SOURCE REVIEW FOR INDUSTRY
- REDUCE MOTOR VEHICLE EMISSION RATES
  - MORE STRINGENT EMISSION STANDARDS
  - PERIODIC INSPECTION/MAINTENANCE
  - GAS TRUCK RETROFIT DEVICE
- REDUCE VEHICLE TRAVEL THROUGH TRANSPORTATION SYSTEM IMPROVEMENTS



# What's in the Plan — Solid Waste

- CARRY OUT COUNTY SOLID WASTE MANAGEMENT PLANS
- REDUCE VOLUME OF REFUSE PLACED IN LANDFILLS BY 30 PERCENT BY 1982
- REMOVE OBSTACLES TO RECYCLING AND RESOURCE RECOVERY
- IMPROVE ENFORCEMENT OF HAZARDOUS WASTE MANAGEMENT REGULATIONS
- CONSTRUCT FACILITIES FOR SLUDGE MANAGEMENT





# Figuring the Costs of the Plan

<u>RECOMMENDATION</u>	<u>ANNUAL COST</u>
WATER QUALITY	
CONTINUE SEWERAGE FACILITIES CONSTRUCTION	
MUNICIPAL	\$180 - 240,000,000
INDUSTRIAL	25 - 50,000,000
COUNTIES' SURFACE RUNOFF PLANS	250,000**
OTHER	1,400,000*
WATER SUPPLY	
REGION-WIDE WATER SAVINGS PROGRAMS	5,200,000*
COST-EFFECTIVE WATER RECLAMATION PROJECTS	10,200,000
SOLID WASTE	
COUNTY SOLID WASTE PLANS	215,000,000
OTHER	3,810,000**
AIR QUALITY	
INDUSTRY CONTROLS	18,000,000
VEHICLE CONTROLS	43,500,000*
TRANSPORTATION MEASURES	37,000,000
	<hr/>
	\$539 - 624,000,000

\* "NEW" COSTS

\*\* "NEW" COSTS TO BE PARTIALLY PAID BY CITIES AND COUNTIES





## Carrying Out the Plan

- ESTABLISH PERMANENT PROCEDURES FOR INTEGRATED ENVIRONMENTAL PLANNING
- PERIODICALLY UPDATE THE PLAN
- OBTAIN MANAGEMENT AGREEMENTS FROM ALL IMPLEMENTING AGENCIES
- CONTINUE COOPERATIVE ENVIRONMENTAL PLANNING WITH OTHER AGENCIES
  - AIR QUALITY JOINT TECHNICAL STAFF; ABAG, MTC, BAAPCD
  - WATER QUALITY JOINT WORK PLAN; ABAG, RWQCB
  - SOLID WASTE COORDINATING COMMITTEE; 9 COUNTIES, SSWMB, DOH, ABAG

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